

IN THE SPECIFICATION

Please replace the paragraph beginning on line 3, page 5, with the following amended paragraphs.

Figure [[8a]] 8b illustrates for one embodiment, a method for implicating normal satisfiability using an abstracted simulation relation of an abstracted antecedent strengthened assertion graph.

Figure 8c illustrates for one alternative embodiment, a modified method for implicating normal satisfiability using an abstracted simulation relation.